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1. Krasnodarskiy institut pishchevoy promyshlennosti.

PAVLOVSKIY, Ye.I.; [illegible]

Organization [illegible] in. [illegible] m.
19 no.1:16-1[illegible] MIRA 17:7)

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Content and changes of pectic substances in apple and apple residue during storage. Izv.vys.uchebn.zav.; pishch.tekh. [illegible] (MIRA [illegible])

1. Krasnodarskiy politekhnicheskiy institut, kafedra tekhnologii konservirovaniya.

PETROPAVLOVSKIY, Ye.I.

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1. Krasnodarskiy institut pishchevoy promyshlennosti, Kafedra tekhnologii konservirovaniya.
(Tomato products)

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uchastiye: PETROPAVLOVSKAYA, N.E.; MIRZAYEV, F.Y.[illegible].

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Plast.massy no.[illegible] (MIRA 18:4)

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[Rubber pad forming] Shtampovka rezinoi. Kuibyshev, Kuibyshevskoe knizhnoe izdat-vo, 1966. 106 p. (MIRA 19:2)

REZNIKOV, Aron Naumovich, prof., doktor tekhn. nauk;
PETROPOL'SKAYA, N.Ye., red.

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V. M. [illegible] tekhn. red. [illegible]

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Petroleum production. Electrical equipment.

DVORETSKIY, Arkadiy Sergeyevich; USTENKO, V.L., red.; PETROPOL'SKAYA, N.Ye., red.; DURASOVA, V.M., tekhn. red.

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N. V. [illegible] Petrov, kand. tekhn. nauk; [illegible],
N. Ya., red.

[illegible] za-
[illegible] problem [illegible] Mikoyshev-
[illegible] kriziso [illegible] Per

YAKUBOVSKIY, B.V., prof., red.; SAMOYLOV, B.N., dots., kand. tekhn. nauk, red.; PETROPOL'SKAYA, N.Ye., red.; DURASOVA, V.M., tekhn. red.

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PARAMONOV, Vladimir Fedorovich, kand. tekhn. nauk; PETROPOL'SKAYA, N.Ye., red.; DURASOVA, V.M., tekhn. red.

[New dynamometric equipment and the measurement of cutting forces]Novaia dinamometricheskaia apparatura i izmerenie sil rezaniia. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo, 1962. 48 p. (MIRA 16:3)
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[Automation of machine tools] Avtomatizatsiia metallorezhushchikh stankov. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo, 1962. 93 p. (MIRA 16:4)

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(Machine tools) (Automation)

[illegible], Yevgeniy Vasil'yevich; [illegible], Ivan [illegible]; [illegible], Viktor Aleksandrovich; REZNIKOV, N.I., zasl. deyatel' nauki i tekhniki RSFSR, prof., red.; PETROPOL'SKAYA, M.Ye., red.; [illegible], V.K., tekh. red.

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KHAVCHENKO, Boris Alekseyevich, kand. tekhn. nauk; PETROPOL'SKAYA, N.Ye., red.; DURASOVA, V.M., tekhn. red.

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KALIYEV, Yuriy Nikolayevich; KOLIADVSKIY, I.F., doktor tekhn. nauk, retsenzent; [illegible]ANYAN, A.A., kand. tekhn. nauk, obshchestv. red.; PETROPOL'SKAYA, N.Ye., red.; DURASOVA, V.M., tekhn.red.

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(Machinery industry)

GROMOVOY, Pavel Semenovich, kand.sel'skokhoz.nauk; SEMENCHUK, S.I., red.; PETROPOL'SKAYA, N.Ye., red.; CHEREMISOV, M.F., tekhn. red.; SHCHERBAKOV, A.I., tekhn.red.

[Stall and field shelter management of dairy cattle] Stoilovo-lagernoe soderzhanie molochnogo skota. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo, 1956. 86 p. (MIRA 12:8)
(Dairy cattle--Feeding and feeds)

GLUKHOVTSEV, Vsevolod Pavlovich, kandidat geologo-mineralogicheskikh nauk; PETROPOL'SKAYA, N.Ye., redaktor; SHCHERBAKOV, A.I., tekhnicheskiy redaktor

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PETR[illegible]LISZ-YA, N [illegible], sec.

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KOMAROV, Andrey Alekseyevich; BOGDANOV, Ye.S., red.;
PETROPOL'SKAYA, N.Ye., red.

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[Belgorodskii Maksim Gorkogo kotlostroitel'nyi zavod. [illegible] nezr, [illegible] knizhnoe izd-vo, [illegible] 186 p. [illegible] 18:7)

1. Belgorodskiy [illegible] [illegible] kotlostroitel'nyy zavod. 2. Direktor Belgorodskogo Gosudarstvennogo kotlostroitel'nogo zavoda (for Chernanov). 3. Nachal'nik byuro tekhnicheskoy informatsii i [illegible] Belgorodskogo Gosudarstvennogo kotlostroitel'nogo zavoda (for Gavrilenko). 4. Glavnyy konstruktor spetsial'nogo konstruktorskogo byuro energeticheskikh kotlov Belgorodskogo Gosudarstvennogo kotlostroitel'nogo zavoda (for [illegible]). 5. Zamestitel' glavnogo inzhenera Belgorodskogo [illegible] kotlostroitel'nogo zavoda (for [illegible]).

VORONIN, I.V., prof., nauchn. red.; PETROPOL'SKAYA, O.A., red.; BELIAEV, L.Ye., tekhn. red.

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VINNIK, Nikolay Iosifovich; KORYSTIN, Lev Nikolayevich;
[illegible]POL'SKAYA, O.A., red.

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SOV/[illegible]-2/[illegible]

AUTHORS: Medvedev, K.P., [illegible] and [illegible], [illegible]A.

TITLE: De-sulphurisation of Coal [illegible] (Obessernivaniye [illegible] [illegible])

PERIODICAL: Koks i Khimiya, 1957, [illegible] 2, pp [illegible] (USSR)

ABSTRACT: An investigation of the behaviour of pyrites in coal on interaction with hydrogen at various pressures and temperatures is described. The experimental technique consisted of treating the coal in a rotating autoclave with hydrogen either at a constant pressure and various temperatures or at a constant temperature and various pressures. The distribution of sulphur in coal before and after treatment and the degree of de-sulphurisation obtained as well as sulphur content of coke obtained from treated and untreated coal were compared. Three types of coals G (gas coal), K (coking coal) and OS were tested under the following experimental conditions: pressure of hydrogen from 1 to 100 atm and the temperature range 100 - 350 °C; reaction time [illegible] hours. The experimental results obtained are shown in Tables [illegible]. The behaviour of pyrites [illegible] coal under 100 atm pressure was as follows (Table [illegible]): under the influence of hydrogen at 100 atm an intensive decomposition of pyrite

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De-sulphurisation of Coals with Mild Hydrogen

begins at 200 °C, i.e., at [illegible] the temperature at which the reaction [illegible] in the absence [illegible]. The transfer of pyritic sulphur into organic [illegible] insignificant at all temperatures and does not exceed 0.2-0.3%. At temperature 200 - 250 °C, approximately half the pyritic sulphur is transformed into [illegible] sulphur. At 300 °C, the content of sulphide sulphur sharply increases, becoming equal to the theoretically possible according to the reaction: $FeS_2 + H_2 = Fe + H_2S$.

This phenomenon is explained by the fact that at 300 °C the reduction of metallic oxides by hydrogen takes place with the formation of reactive metallic ions which then react with hydrogen sulphide previously evolved. Thus, the total sulphur content of coal at temperatures 100 - 250 °C decreases and at higher temperatures again increases. The sulphur content of sulphide, organic and total sulphur in coke from hydrogen-treated coal decreases with increasing temperature of hydrogenation up to 250 °C; the hydrogenation at 300 °C is accompanied with a sharp increase of all types of sulphur in coke. Thus, the total de-sulphurising effect of mild hydrogenation of coal is

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insignificant. Similar experiments carried out with coking coal (K) gave similar results except that the temperature at which an intensive reaction of pyrite with hydrogen takes place and the temperature at which a sharp increase in sulphate sulphur takes place are respectively 50 and [illegible] °C higher than for gas coal (Table 2). Total sulphur content of the coal hydrogenated at temperatures 200 - 300 °C decreases (up to 47% decrease) but on hydrogenation at 340 °C the total sulphur content of coal remains the same as in untreated coal. Sulphur of coke obtained from coal hydrogenated at temperatures up to 300 °C increases. The sulphur content of coke from coal treated at 340 °C considerably increases, even in comparison with coke from the untreated coal. The distribution of sulphur in coke made from K coal hydrogenated at various temperatures (Table 3) indicates that during the coking of coal K hydrogenated at 340 °C practically no volatile sulphur is evolved (about [illegible]% of the initial sulphur is retained in coke). The experimental results for OS coal (Table 4) indicated that in this coal an intensive decomposition of pyrites takes place at a higher temperature (2[illegible]0 °C) than in gas and

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3.7/[illegible]

De-sulphurisation of Coals with Molecular Hydrogen.

coking coals. However, a sharp increase in the content of sulphide sulphur takes place even at [illegible] °C. Thus, with increasing hydrogenation temperature the degree of desulphurisation increases: in hydrogenation at [illegible] °C about 1.3% of sulphur was removed (initial sulphur [illegible]%) but the decrease of sulphur content of coke amounted only to 0.4%, as about [illegible]% of the initial sulphur was retained on coking (as against [illegible] for untreated coal). The results of hydrogenation of coal at a pressure of [illegible] atm and various temperatures ([illegible] - [illegible] °C) are shown in Table 5. The decomposition of pyrite begins at [illegible] °C and at 300 °C practically all pyrite is decomposed into sulphide and hydrogen sulphide. Unlike the pyrite [illegible] at 100 atm no increase in the sulphide content at [illegible] °C takes place. However, coal treated at [illegible] °C and 1 atm pressure loses its caking ability. The influence of pressure ([illegible] and 100 atm) at 340 °C was studied on coal [illegible]. It was found that: 1) at [illegible] °C pyrite in coal is decomposed at any pressure; 2) changes in pressure from [illegible] to 100 atm have no practical influence on the content of organic sulphur in coal. The sulph[illegible]-containing [illegible] compounds in coking coal are [illegible] under these conditions

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SOV/[illegible]

De-sulphurisation of Coals with Molecular Hydrogen

3) with increasing hydrogen pressure, the amount of sulphide sulphur in coal increases; at 340 °C and 100 atm pressure the whole pyritic sulphur is transformed into sulphide sulphur. Thus, increasing hydrogen pressure leads to a decrease in the degree of desulphurisation. On the basis of the results obtained it is concluded that the method of treatment of coal with hydrogen is not suitable for decreasing the sulphur content of metallurgical coke. There are 6 tables and [illegible] references, [illegible] of which are Soviet and 1 German.

ASSOCIATION: UKhIN

Card 5/5

MEDVEDEV, K.P.; PETROPOL'SKAYA, V.M.

Theoretical and experimental bases for the use of radioisotopes in investigating the process of thermal decomposition and caking of coal. Koks i khim. no.3:25-29 '58. (MIRA 11:3)

1. Ukrainskiy uglekhimicheskiy institut.
(Radioisotopes) (Coal--Testing)

L 18170-63 EWP(q)/BDS/EWT(m) AFFTC/ASD JD

ACCESSION NR: AP3004231 S/0032/63/029/007/0805/0805

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56

AUTHORS: Medvedev, K. P.; Khar'kina, L. M.; Petropol'skaya, V. M.; Nikitina, K. A.

TITLE: Accelerated method for determination of germanium in coal tar, heavy coal-tar products, and coal-tar pitch

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SOURCE: Zavodskaya laboratoriya, v. 29, no. 7, 1963, 805

TOPIC TAGS: coal tar, pitch, distillation, germanium

ABSTRACT: In the process of coal tar and coal tar pitch distillation practically all the germanium content is located in nonvolatile products and does not volatilize with the light tar fractions. Consequently, a simple, rapid method for germanium determination was developed--combustion of samples in porcelain dishes without recourse to an oxidizing agent. An aliquot of 1-3 gms of tar was placed in a porcelain dish, covered with a paper filter to prevent spattering, and heated on sand to remove the light volatile substances. Thereafter the dish was placed in a furnace at 550C until all the carbon had burned out. The residue

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ACCESSION NR: AP3004231

2

was transferred to a distillation flask by means of 10 ml of 6-n hydrochloric acid, then the germanium was distilled out as germanium chloride. The germanium was determined in a photocolorimeter in the form of a reaction compound with phenylfluorone. This method is nearly three times faster than the standard oxidation procedure, and the difference in yield by the two techniques does not exceed + - 10%, which is within the permissible limits of error.

ASSOCIATION: Ukrainskiy nauchno-issledovatel'skiy uglekhimicheskiy institut (Ukrainian Scientific Research Institute of Coal Chemistry)

SUBMITTED: 00 DATE ACQ: 02Aug63 ENCL: 00

SUB CODE: CH NO REF SOV: 001 OTHER: 000

Card 2/2

MEDVEDEV, K.P., KHAR'KINA, L.M.; PETROPOL'SKAYA, V.M., NIKITINA, K.A.

Rapid method for determining germanium in coal tars, coke-oven heavy residues, and pitch. Zav. lab. [illegible] no.7, [illegible] 1961.
(MIRA 16:8)

1. Ukrainskiy nauchno-issledovatel'skiy uglekhimicheskiy institut.
(Germanium--Analysis) (Coal-tar products)

MEDVEDEV, K.P.; PETROPOL'SKAYA, V.M.; NIKITINA, K.A.; EMEL'KIN, [illegible]M.

Polyatomic phenols obtained by high-temperature carbonization. Koks i khim. no.10:33-36 '62. (MIRA 15:9)

1. Ukrainskiy uglekhimicheskiy institut.
(Phenols) (Coke industry—By-products)

MEDVEDEV, K. P. (Khar'kov); PETROPOL'SKAYA, V. M. (Khar'kov)

Synthesis of sintering materials by the method of cyclic condensation of aromatic hydrocarbons in presence of $AlCl_3$. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.6:202-207 N-D '62. (MIRA 16:1)

(Chemistry organic(Synthesis))
(Condensation products(Chemistry))

SOV/[illegible]/22

AUTHORS: Medvedev, K.P. and Petropol'skaya, V.M.

TITLE: Theoretical and Experimental Basis of the Application of Radioisotopes for the Investigation of the Process of Thermal Decomposition and Caking of Coals (Teoreticheskiye i eksperimental'nyye osnovy primeneniya radioizotopov k issledovaniyu protsessa termicheskogo razlozheniya i spekaniya kamennykh ugley)

PERIODICAL: Koks. Khimiya, 1959, Nr 3, pp 25 - 29 (USSR).

ABSTRACT: The process of carbonisation of coals was studied using small additions (0.2 - 0.4%) to the carbonised samples of alkali and alkali earth sulphates and iron sulphide and bisulphide marked with radio-active sulphur S^{35}. Samples so prepared were [illegible] in a quartz tube to a temperature 900 - 950 °C, and the distribution of S^{35} between the carbonisation products was determined. The most interesting results were obtained with $CaSO_4$ additions. It was established that with increasing coal rank, the ability of coal to reduce sulphate to sulphide and to react with sulphate sulphur incorporating it into the organic structure of coke varies according to curves which possess a minimum and a maximum for the corresponding w. reactions (Fig.1). The positions of the maximum and the minimum are situated at the medium rank of

Card1/3

Theoretical and Experimental [illegible] of the Application of Radioisotopes for the Investigation of the Process of Thermal Decomposition and Coking of Coals

coals (volatile content [illegible]%). It was established by direct experiments with a coking coal with an addition of $CaSO_4$ that its thermochemical transformation begins at the beginning of thermal decomposition of the coal (350 °C) and is most intensive in the plastic range of the coal (350-500 °C). Further coking experiments were done in which increasing additions of $CaSO_4$ were made and the proportions of sulphur transformed into CaS and organic sulphur determined (Fig.2). It was found that the proportion of the sulphate sulphur transformed into organic sulphur initially increases with increasing sulphate addition and then remains practically constant while the amount of sulphate sulphur turned to sulphide part only increases. This indicates that the ability of a coal to transform sulphate sulphur into organic sulphur is limited and can be used as an index of the coking ability of coal. This was confirmed by the following experiments. An asphaltene was synthesised by condensation of naphthalene in the presence of $AlCl_3$ which possessed

Card 2/3 high coking ability. This substance was added in increasing

SOV/58-3-5/22

Theoretical and Experimental Basis of the Application of Radio-isotopes for the Investigation of the Process of Thermal Decomposition and Caking of Coals

properties of the coke of coke-making coal together with 1-6% of $CaSO_4$. The mixtures were coked after which the distribution of sulphate sulphur in the coke and volatile coking products was determined (Tables 1 and 3). It was found that with increasing asphaltene additions the reducing ability of coke increases while the transfer of sulphate sulphur into organic sulphur is reduced. Similar results were obtained with [illegible]. An investigation of the synthetic asphaltene indicated that its chemical nature and properties were similar to those of products of thermal decomposition of a coking coal according to Divlen (Ref 11). There are 4 tables, 1 figure and 11 references, 6 of which are Soviet, 5 English and 1 German.

ASSOCIATION: UKHIN

Card 3/3

SOV/[illegible]

AUTHORS: Kelvedev, K.F., Petr[illegible]'skaya, V.L. and Nizel'[illegible], E.A.

TITLE: Catalytic Acti[illegible] of Additions of Organic and Inorganic Substances on the Behavior of Sulphur During the Process of Coking of Coals (Kataliticheskoye deystviye dobavok organicheskikh i neorganicheskikh veshchestv na povedeniye sery v protsesse koksovaniya uglei)

PERIODICAL: Koks i Khimiya, 1958, No. [illegible], pp. [illegible] (USSR)

ABSTRACT: Views expressed in the liter[illegible] of various organic and inorganic a[illegible] on the evolution of sulphur during coking are reviewed in order to check the possibility of such a[illegible], numerous experiments on coking vari[illegible] with $AlCl_3$ (Tables 1, 2), Fe_2O_3, $CuCl_2$ (Table 3), $MgCO_3$, CaO, Al_2O_3, NH_4Cl (Table 4), urea, thiourea, pyridine, aniline, aniline chloride, heavy pyridine bases, β-naphthylamine, benzidine chloride, phenol, xylols, tri[illegible]ol, hexachlorocyclohexane (Table 5), anthracene oil, lignine and chlorinated lignin were carried out. The scale of experiments varied from small laboratory tests to 200 [illegible] pilot plant tests. In no case was any improvement in

Card/[illegible]

SOV/[illegible]

Catalytic Action of Additives of Organic and Inorganic Substances on the Behaviour of Sulphur During the Process of Coking [illegible]

the degree of desulphurisation of coke observed. On consideration of the heterogeneous nature of the coking process, it is concluded that efforts of various investigators to remove sulphur during coking by "catalytic" action of various additives will remain unsuccessful. There are 5 tables and 11 references, [illegible] of which are Soviet, 3 German and 1 English.

ASSOCIATION. UKHIN

[illegible]

[illegible]

PETROPOL'SKAYA, V.M.

The relation between reactivity and the coal particle surface. K. P. Medvedev and V. M. Petropol'skaya. *Izvest. Akad. Nauk S.S.S.R., Otd. Tekh. Nauk* 1956, No. 12, 129-33.—The interaction of the org. coal components with elementary S was used in the study of coal reactivity and the exposed coal surface. One g. carefully sized coal was mixed with 1 g. S flour, heated to 350° ± 3°, and the H_2S was detd. iodometrically. Special tests showed that pyrite S did not take part in the reaction. The reaction was a function of the coal particle size, and did not start until the av. diam. was below 2 mm. The total H in the vitrain of the different kinds of coal (0.01-0.001 mm.) which reacted with S was related to the empirical vitrain formula, and the H:C:O:S proportion in the unreacted part of the different grades of coal was found to be the same. The total reaction consisted in (*a*) a dehydration of the coal substance and (*b*) replacement of H with S. The results appear significant in the study of vitrain, fusain, spores, and other components of fossil fuels. W. M. Sternberg

PETROPAL'SKAYA, V.M.

Chem

[illegible]. RELATIONSHIP BETWEEN REACTIVITY AND SURFACE AREA OF COAL GRAINS. Nadzakov, E.P. and Petropol'skaya, V.M. (Izv. Akad. Nauk SSSR, Otdel. Tekh. Nauk (Bull. Acad. Sci. U.S.S.R., Sect. Tech. Sci.), Dec. 1956, 129-131). Four classes of coal were ground to different finenesses and reacted with flowers of sulphur at 350°C and the hydrogen sulphide driven off was determined iodometrically. The possibility of sulphur in the coal taking part in the reaction was eliminated. The quantity of hydrogen separated from each coal increased with increase of fineness. When the coal grains were microscopic (0.0055 mm diameter), the quantities were about the same as were obtained by V.I. Zabavin (ibid. Nov. 1945; Chem. Abstr., 1947, vol. 41, 3274, 3275) with samples which had been dissolved in retene or anthracene oil and precipitated with benzene before reacting with sulphur. Hence the reactivity of the microscopic grains is completely explained by their large surface area and the use of Zabavin's results to support the theory of the macromolecular structure of coals is unjustified. The results are used to construct the following formulae for the reactions with sulphur of the vitrain of the four coals. Gas coal: $C_{45}H_{36}O_6 + 9S_2 = C_{45}H_{14}O_6S_7 + 11\,H_2S$. Fat coal: $C_{45}H_{34}O_4 + 8.5\,S_2 = C_{45}H_{14}O_4S_7 + 10\,H_2S$. Coking coal: $C_{45}H_{30}O_2 + 7.5\,S_2 + C_{45}H_{14}O_2S_7 + 8\,H_2S$. Caking steam coal: $C_{45}H_{29}O_3 + 7S_2 = C_{45}H_{14}O_3S_7 + 7H_2S$.

Petropolskaya, V.M.

The Behaviour of Pyritic and Organic Sulphur During Coking of Coals and Coal Blends. K. P. Medvedev and V. M. Petropolskaya. (*Izvest. Akad. Nauk SSSR, Otdelenii Tek. Nauk*, 1955, (8), 134–139). [In Russian]. The behaviour of sulphur during coking of individual coals and blends of coals from the Donets basin was investigated using radioactive additions of pyritic sulphur. It was found that on heating, hydrogen sulphide evolved up to a certain temperature (350–500° C, depending on coal rank) originates from pyritic sulphur only; with further increase of temperature, the concentration of organic sulphur in the hydrogen sulphide evolved increases. The temperature at which the evolution of organic sulphur begins and the total amount removed on carburization depends on the rank of coal.—V. G.

PETROPOL'SKIY, A.

Struggle for technological progress. Prom. koop. 12 no.9:8-9 S '58. (MIRA 11:10)

1. Uchenyy sekretar' Tekhnicheskogo oblpromsoveta, Stalingrad.
(Research, Industrial)

GOLOVKO, P.I.[Holovko, P.I.], dots., red.; KUBLANOV, B.G.[Kublanov, B.H.], doktor fil. nauk, red.; PETROVSKIY, M.I.[Petrovs'kyi, M.I.], dots., otv. red.; SENYK, L.T.[Senyk, L.T.], red.; SARANYUK, T.V., tekhn. red.

[Social and economic sciences; collected works of the graduate students of the departments of social sciences]. Sotsial'no-ekonomichni nauki; zbirnyk robit aspirantiv kafedr suspil'nykh nauk. L'viv, 1961. 244 p. (MIRA 15:1)
(Agriculture—Economic aspects) (Communism)

PETROPOULOS, Panos; JUROSZEK, Wladyslaw

Mechanical intestinal obstruction following splenectomy for traumatic injury. Polski przegl. chir. 29 no.2:157-162 Feb 56.

I. Z II Oddz. Chirurgicznego Szpitala Miejskiego Nr 4 w Stalinogrodzie, Ordynator: doc. dr. P. Petropoulos Stalinograd, ul. Francuska, Szpital Miejski nr 4.

(SPLEEN, wounds and inj.
surg., splenectomy, causing intestinal obstruct.
(WOUNDS AND INJURIES
spleen, splenectomy causing intestinal obstruct.
(INTESTINAL OBSTRUCTION, etiol. and pathogen.
splenectomy for trauma of spleen.

PETROPOULOS, Panos.

Surgical treatment of post-traumatic pseudocysts of the parotid gland. Polski tygod. lek. 10 no.35:1154-1155 29 Aug 55.

1. Z II Oddzialu Chirurgicznego Szpitala Miejskiego Nr. 4 w Stalinogrodzie; ordynator: doc. dr. Petropoulos. Stalinogrod, Szpital Miejski Nr. 4.

(PAROTID GLAND, cysts
pseudocysts, post-traum., surg.)
(CYSTS
parotid gland, post-traum. pseudocysts, surg.)
(WOUNDS AND INJURIES
parotid gland, causing pseudocysts, surg.)

PETROPOULOS, Panos

PETROPOULOS, Panos; JUROSZEK, Wladyslaw

Surgical treatment of pancreatic cyst. Polski przegl. chir. 26 no.4:321-327 Ap '54.

1. Z IV Oddziału Chirurgicznego Szpitala Miejskiego nr 4 w Stalinogrodzie.

(PANCREAS, cysts, *surg.)
(CYSTS, *pancreas, surg.)

PETROPOULOS, Panos; JUROSZEK, Wladyslaw

Incarcerated metal fragment obstructing the right deep femoral artery. Polski przegl. chir. 26 no.7:631-632 July 54.

1. Z IV Oddzialu Chirurgicznego Szpitala Miejskiego nr 4 w Satlinogrodzie. Ordynator: doc. dr Petropoulos.

(FOREIGN BODIES,
femoral artery, surg.)
(ARTERIES, FEMORAL, foreign bodies,
surg.)

PETROPOULOS, Panos; KUBICKI, Bernard

Percapsular spontaneous rupture of the thyroid. Polski przegl. chir. 28 no.6:593-596 June 56.

1. Z II Oddziału Chirurgicznego Szpitala Miejskiego Nr 4 Stalinogrod Ordynator: doc. dr. P. Petropoulos, Stalinogrod, Spital Miejski nr 4, ul. Francuska.
(THYROID GLAND, rupture,
spontaneous percapsular (Pol))

PETROPOULOS, P.

Modified Deschamp-Carsten-Olshausen's needle saving time and movements during extensive sutures. Polski tygod. lek. 8 no.16:607-609 20 Apr 1953. (CLML 24:5)

1. Of the Fourth Surgical Department (Head--Head-Surgeon Docent Petropoulos Panos, M.D.) of Stalinogrod Municipal Hospital No.4.

PETROPOULOS, Panos; KUBICKI, Bernard

Post-operative peptic ulcer after gastric resection and gastro-duodenal anastomosis. Polski przegl. chir. 29 no. 3:203-208 Mar 57.

1. Z II Oddziału Chirurgicznego Szpitala Miejskiego nr 4 w Katowicach Ordynator: doc. dr. Petropoulos. Adres autora: Katowice, Szpital Miejski nr 4.

(GASTRECTOMY,
Bilroth I, recur. of peptic ulcer 13 years after operation (Pol))

PETROPOULOS, Panas; JUROSZEK, Wladyslaw

Recent trends in surgical treatment of pancreatic cyst. Polski przegl. chir. 26 no.10:897-902 Oct 54.

1. Z IV oddzialu Chirurgicznego Szpitala Miejskiego nr 4 w Stalinogradzia; ordynator doc. dr. Petropoulos
(PANCREAS, cysts
surg., progr.)

USSR/Medicine - Neurosurgery Pathology FD-2434

Card 1/1 Pub 17-17/21

Author : Petropulos, P. and Stefanko, S.

Title : Comparative Experimental Investigations of the Regeneration of peripheral nerves after primary and secondary suture

Periodical : [Abridged translation from Polish] Byul. eksp. biol. i med. 39, 1, 65-67, Jan 1955

Abstract : The authors investigated primary and secondary sutures of peripheral nerves to see which is preferrable for their regeneration. They used a dog whose radial nerve had been cut 3 cm from its branching point. The left branch was repaired with primary, the right one with secondary suture, the latter being applied from 6 days to 5 weeks later. Microscopic study proved that following primary suture the nerve fibers were maturé, strong, with normal myeline layers and neurokeratine development, while following secondary suture the fibers were immature, weak, and had faulty alignment and shape.

Institution: --

Submitted : March 19, 1954

PETROPULOS, P.

PETROPULOS, P.; STEFANKO, S.

[redacted]Comparative experimental investigations on the regeneration of peripheral nerves following primary and secondary sutures of the nerve. Biul.eksp.biol. i med. 39 no.1:65-67 Ja '55. (MLRA 8:3)

(NERVES, PERIPHERAL, physiology,
regen. after primary & secondary sutures, comparison)
(REGENERATION,
nerves, after primary & secondary suture, comparison)

PETROSEVICH, K.

Intra- and interspecific relationships. Zool. [illegible] 1596 N '60. (MIRA 14:1)

1. Ecological Institute, Academy of Sciences of Poland, Warsaw.
(Zoology--Ecology)

GRIGORYAN, S.S.; GRIB, A.A.; ZVOLINSKIY, N.V.; KACHANOV, L.M.; PETROSHEN, G.I.

E.I.Shemiakin's article "Expansion of a gas cavity on a noncompressible elastoplastic medium: study of the action of an explosion on the ground" and N.S.Medvedeva and E.I.Shemiakin's article "Strain waves caused by underground explosion in rocks. Izv.AN SSSR.Otd.tekh.nauk. Mekh.i mashinostr. no.5:173-177 S-O '62. (MIRA 15:10)
(Explosions) (Shemiakin, E.I.) (Medvedva, N.S.)

PETROSHEN', V.I., doktor tekhn.nauk, prof.

Valve gate of varying profile. Gidr. stroi. 32 no.12:37-38 D '61. (MIRA 15:2)

(Gates, Hydraulic)

1. ZIUKOVA, A., PETROSIAN, S. I., TITOVA, A. P.

2. USSR (600)

4. Sables

7. Infectious gastroenteritis in sables. Kar.i zver. 5 No. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April [illegible]

10

The ore deposits of the Rhodope and Strandscha mountains in southern Bulgaria.
W. Petrascheck. *Berg und Hüttenm. Jahrb.* 79, 124(1931). *Neues Jahrb. Mineral. Geol. Referate* II, 1932, 134-9. Data on Pb-Zn ores are given. J. F. Schairer

PETROSJANC, A. [Petrosyants, A.]; FUKSA, J. [translator]

Atomic energy in the service of the national economy in the Soviet Union. Jaderna energie 9 no.2:60-63 F '63.

1. Predseda Statniho vyboru Rady Ministru SSSR pro vyuziti atomove energie (for Petrosjanc).

PETROSKI, V.

Changes in ionization of the high atmosperic stratum under the influence of the activity of the sun. p.12.
(RADIO Vol. 4, no. 4, 1955, Sofiya)

SO: Monthly Listof East European Accessions, (EEAL). LC, Vol. 4, No. 11, Nov. 1955, Uncl.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001240410002-7"

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001240410002-7"

PETROSOV, A.A.

Use of small diameter drill bits at the Khaydarkan mine. Izv. vys. ucheb. zav.; tsvet. met. 5 no.6:24-28 '62. (MIRA 16:6)

1. Moskovskiy institut stali i splavov, kafedra razrabotki mestorozhdeniy poleznykh iskopayemykh.
(Kirghizistan—Boring machinery)

LOBANOV, D.P.; BARYSHNIKOV, N.N.; PETROSOV, A.A.; ISHUTINOVA, M.D., red.; LOGINOVA, Ye.I., tekhn. red.

[Breaking ore with slim holes] Otboika rudy shpurami malogo diametra. Moskva, 1963. 50 p. (MIRA 16:10)

1. Moscow. TSentral'nyy institut informatsii tsvetnoy metallurgii.
(Boring (Blasting)

POPOV, G.N.; PETROSOV, A.A.

Peculiarities of mining one of the complex mercury deposits of Central Asia. Izv.vys.ucheb.zav.; tsvet.met. 5 no.1:22-25 '62. (MIRA 15:2)

1. Krasnoyarskiy institut tsvetnykh metallov, kafedra razrabotki mestorozhdeniy poleznykh iskopayemykh.

(Asia, Central - Mercury mines and mining)

PETROSOV, D.S., inzh.

Excitation delay during the start of a synchronous motor with a separate exciter. Energetik. 13 no.9:25-26 S '65. MIRA 18:9.

PETROSOV, D.S., inzh.; AVDZHYAN, L. Kh.

High-speed automatic reclosing networks. Energetik 12 no.12: 11-13 D '64 (MIRA 18:2)

MANDALYAN, R.A.; [illegible], [illegible]; [illegible]YAN, [illegible].

Mountain [illegible]
in the north[illegible] part [illegible] the Armenian [illegible].
SSR 41 no.3: [illegible] (MIRA 18:11)

1. Institut [illegible] [illegible], [illegible] March 21, 1965.

PETROSOV, I. Kh.; SARKISYAN, S. G.

"Main factors for clay mineral formation of Tertiary volcanic and sedimentary deposits on the territory of the Yerevan District (Armenian SSR)."

Report submitted for the International Clay Conference, Stockholm, Sweden, 12-16 Aug 63.

MOVSESYAN, M.A.; PETROSOV, I.Kh.

Some problems of the mineralogy and paleogeography of the salt-bearing layer in the Erivan region. Izv.AN Arm.SSR. Geol.i geog.nauki 15 no.6:13-24 '62. (MIRA 16:2)

1. Institut geologicheskikh nauk AN Armyanskoy SSR.
(Erivan region—Salt deposits)

DRITS, V.A., [illegible]

Palygorskite and chlorite in Oligocene and Miocene clays in the Erivan region of the Armenian S.S.R. Zap.Arm.otd.Vses.min.ob-va no.2:95-102 '63. (MIRA 16:1[illegible])

PETROSOV, I.Kh.

Association of clay minerals in Upper Tertiary sediments of the Erivan region in the Armenian S.S.R. Dokl. AN Arm. SSR 37 no.3:165-171 '63. (MIRA 17:1)

1. Institut geologicheskikh nauk AN Armyanskoy SSR. Predstavleno akademikom AN Armyanskoy SSR I.G.Magak'yanom.

NISANYAN, G.B.; PETROSOV, I.Kh.

Mineralogical composition of Paleozoic clay shales in the south-western part of the Armenian S.S.R. Zap.Arm.otd.Vses.min.ob-va no.2:88-94 '63. (MIRA 16:10)

PETROSOV, I.Kh.

Some results of analyses of the composition of clays of the upper Tertiary sediments in Oktemberyan District. Zap.Arm.otd. Vses.min.ob-va no.1:159-163 1959. (MIRA 14:1[illegible])
(Oktemberyan District--Clay)

KARAPETYAN, K.I.; PETROSOV, I.Kh.

Opalization of scoria in the crater of the Zapadnyy Agusar volcano. Izv. AN Arm. SSR. Geol. i geog.nauki 15 no.4:41-4' '62. (MIRA 15:1

1. Institut geologicheskikh nauk AN Armyanskoy SSR.
(Armenia--Volcanic ash, tuff, etc.
(Armenia--Opals.

PETROSOV, I. M.

"Conference on Economy in the Use of Electric Power by the Soviet Petroleum Industry," Elektrichestvo, No.10, p. 92, 1950

Vice-President, Azerbaydzhan Division, All-Union Scientific and Technical Society of Power Engineers

PETROSOV, I.M., inzhener.

Power engineering problems at the enterprises of the petroleum industry. Elektrichestvo no.3:89 Mr '54. (MLRA 7:4)
(Power engineering) (Petroleum industry)

AID P - [illegible]

Subject : USSR/Electricity

Card 1/1 Pub. 27 - 27/34

Author : Petrosov, I. M., Eng.

Title : Problems of Electrification of Agriculture discussed at a Meeting in Baku. (Current News)

Periodical : Elektrichestvo, 7, 91, Jl 1954

Abstract : In March 1954 a meeting was held at the Academy of Sciences of the Azerbaydzhan SSR. Problems discussed concerned electrification of agriculture of this republic.

Institution : Azerbaydzhan Section of VNITOE (All-Union Scientific Society of Power Engineers and Technicians)

Submitted : No date

PETROSOV, I. M.

AID P - 1955

Subject : USSR/Electricity

Card 1/2 Pub. 29 - 4/25

Author : Petrosov, I. M., Eng.

Title : Experience in using power capacitors for power-factor improvement

Periodical : Energetik, 4, 11-14, Ap 1955

Abstract : At one of the southern power-systems, power capacitors of the KM type produced by the Moscow Transformer Plant and the Kiyev Industrial Institute had been in use since 1937. They were employed in installations of the oil industry, and their total capacity was, in Ap 1954, 58,110 kvar. The author describes the kind of load and the structure of a movable capacitor battery with 6-kv capacitors. He concludes that operational experience in power-factor improvement with this type of capacitors is satisfactory up to ambient temperatures +35°C. For temperatures above 35°C a special study is needed. One detailed

105-9-28/42

AUTHOR: Petrosov, I.A., Engineer, (Baku

TITLE: Reader's Conference at Baku (Konferentsiya chitaleley v Ba

PERIODICAL: Elektrichestvo, 1957, Nr 9, pp 88-88 (USSR)

ABSTRACT: In May 1957 a conference of the readers of the periodical "Elektrichestvo" took place at Baku. Some suggestions for an improvement of the periodical were made. Within the framework of the periodical many discussions are carried out which are unorganized and have insufficient success. When technical informations on scientific-technical consultations are published, an article based upon the lecture ought to be published in the same number of the periodical. The abolition of reference cards since 1956 was not a success. The readers are informed on technical innovations after a considerable lapse of time. No distinct plan is noticeable with respect to the selection of themata. The impression prevails that an article is published solely for the reason that it was written and submitted by the author. On the other hand, the influence exercised by the periodical on the extension of theoretical knowledge of engineers was pointed out.

AVAILABLE: Library of Congress

Card 1/1